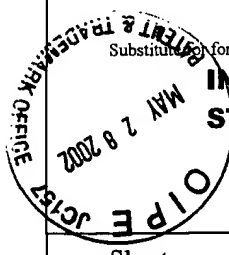


Please type a plus sign (+) inside this box → +

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE



Substitute Form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/909,856
Confirmation Number	9244
Filing Date	July 23, 2001
First Named Inventor	Herb Albert
Group Art Unit	2635
Examiner Name	
Attorney Docket No.	101948053US3

RECEIVED

MAY 29 2002

Technology Center 2600

Sheet

1

of

3

U.S. PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
BT	*AA	3,892,948		Constable	7/1/75	
	AB	4,578,530		Zeidler	3/25/86	
	*AC	4,665,396		Dieleman	5/12/87	
	AD	4,747,050		Brachtl et al.	5/24/88	
	AE	4,845,740		Tokuyama	7/4/89	
	*AF	4,926,325		Benton	5/15/90	
	AG	5,007,084		Materna et al.	4/9/91	
	AH	5,095,500		Tayloe et al.	3/10/92	
	AI	5,208,446		Martinez	5/4/93	
	*AJ	5,231,570		Lee	7/27/93	
	*AK	5,276,444		McNair	1/4/94	
	AL	5,294,782		Kumar	3/15/94	
	AM	5,333,175		Ariyavisitakul	7/26/94	
	AN	5,367,452		Gallery et al.	11/22/94	
	AO	5,371,797		Bocinsky, Jr.	12/6/94	
	AP	5,390,339		Bruckert	2/14/95	
	*AQ	5,408,513		Busch Jr., et al.	4/18/95	
	*AR	5,485,510		Colbert	1/16/96	
	*AS	5,500,890		Rogge et al.	3/19/96	
	AT	5,511,122		Atkinson	4/23/96	
	AU	5,524,072		Labaton et al.	6/4/96	
	*AV	5,541,925		Pittenger et al	7/30/96	
	AW	5,570,367		Ayangolu et al.	10/29/96	
	*AX	5,706,330		Bufferd et al.	1/6/98	
BT	AY	5,722,066		Hu	2/24/98	

EXAMINER

**BRIAN ZIMMERMAN
PRIMARY EXAMINER**

DATE CONSIDERED

9/20/02

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number	09/909,856
Confirmation Number	9244
Filing Date	July 23, 2001
First Named Inventor	Herb Albert
Group Art Unit	2635
Examiner Name	
Attorney Docket No.	101948053US3

RECEIVED
MAY 29 2002
Technology Center 2600

2	of	3
AZ	5,991,410	Albert et al.
		11/23/99

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	BA							
	BB							

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS

EXAMINER INITIALS	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	T
BT	BC	ATEFI, A. et al., "Urban Radio Propagation in Mobile Radio Frequency Bands," <i>Conference on Communications - An Industry on the Move</i> , Birmingham, UK May 13-15, 1986, pp. 13-18, IEEE, London	
	BD	BERG, J. E. et al., "An FFT Multiple Half-Screen Diffraction Model," <i>Proceedings of the IEEE 44th Vehicular Technology Conference</i> , June 9-10, 1994, Stockholm, Vol. 1, pp. 195-199, IEEE, New Jersey	
	BE	ERICSSON RADIO SYSTEMS AB, <i>RBS 884M Site Engineering Manual</i> , 1995, Ericsson Radio Systems	
	BF	ERICSSON TELECOM AB, <i>RF Guidelines for CMS 8800, AS100</i> , 1996, Ericsson Radio Systems	
	BG	GARG, V.K. et al., <i>Wireless and Personal Communications Systems</i> , 1996, Prentice Hall, Inc., Upper Saddle River, New Jersey	
	BH	HAGERMAN, B., "Downlink Relative Co-Channel Interference Powers in Cellular Radio Systems," <i>Proceedings of the IEEE 45th Vehicular Technology Conference</i> , Chicago, July 25-28, 1995, pp. 366-370 IEEE, New Jersey	
	BI	HATA, M., "An Empirical Formula for Propagation Loss in Land Mobile Radio Service," <i>IEEE Transactions on Vehicular Technology</i> , Vol. VT-29, No. 3, 1980, pp. 317-325, IEEE, New Jersey	
	BJ	KURNER, T. et al., "Influence of the Receiver Near Range in Urban and Forested Areas in Land Mobile Radio Systems," <i>Proceedings of the IEEE Vehicular Technology Conference</i> , Stockholm, June 8-10, 1994, Vol. 1, pp. 190-194, IEEE, New Jersey	
	BK	LEE, W.C.Y., "Lee's Model," <i>VTS 1992 Conference</i> , Denver, May 10-13, 1992, Vol. 1, pp. 343-348 IEEE, New Jersey	
BT	BL	LEE, W.C.Y., <i>Mobile Cellular Telecommunications</i> , 1995, 2 nd Edition, McGraw Hill Inc., New York	

EXAMINER BRIAN ZIMMERMAN PRIMARY EXAMINER	DATE CONSIDERED 9/20/02
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

COMPLETE IF KNOWN

Application Number 09/909,856

Confirmation Number 9244

Filing Date July 23, 2001

First Named Inventor Herb Albert

Group Art Unit 2635

Examiner Name

Attorney Docket No. 101948053US3

BM

LOW, K., "Comparison of the Urban Propagation Models with CW Measurements," *VTS 1992*, Denver, May 10-13, 1992, Vol. 1, pp. 936-942, IEEE, New Jersey

BN

MACARIO, R.C.V., *Cellular Radio Principles and Design*, 1993, McGraw Hill, New York

BO

MACIEL, L.R., et al., Cell Shape for Microcellular Systems in Residential and Commercial Environments," *IEEE Transactions on Vehicular Technology*, Vol. 43, No. 2, May 1994, pp. 270-277, IEEE, New Jersey

BP

MACIEL, L.R., et al., "Unified Approach to Prediction of Propagation over Buildings for All Ranges of Base Station Antenna Height," *IEEE Transactions on Vehicular Technology*, Vol. 42, No. 1, February 1993, pp. 41-45, IEEE, New Jersey

BQ

MAHBOBI, K., "Radio Wave Propagation in Urban Microcellular Environment," *VTS 1992 Conference*, Denver, May 10-13, 1992, Vol. 1, pp. 951-955, IEEE, New Jersey

BR

OKUMURA, Y., "Field Strength and Its Variability in VHF and UHF Land-Mobile Radio Service," *Rev. Electrical Comm. Lab.*, Vol. 16, Sept/Oct. 1968 pp. 825-873

BS

PARSONS, J.D., et al., "Signal Strength Prediction in Built-Up Areas, Part 2: Signal Variability," *IEEE Proceedings*, Vol. 130, No. 5, Part F, 1983, pp. 385-391, IEEE, New Jersey

BT

PARSONS, J.D., *The Mobile Radio Propagation Channel*, 1992, John Wiley & Sons, New York

BU

RIZK, K. et al., "Propagation of Urban Microcells with High Rise Buildings," *Proceedings of the IEEE Vehicular Technology Conference*, Atlanta, April 28-May 1, 1996, pp. 859-863, IEEE, New Jersey

BU

SAKAGAMI, S., et al., "Mobile Propagation Loss Prediction for Arbitrary Urban Environments," *Electronics and Communications in Japan*, No. 10, Part 1, Vol. 74, 1991, pp. 87-99, Scripta Technica, Inc.

BV

TORRICO, S.A. et al., "Theoretical Investigation of Foliage Effects in Path Loss for Residential Environments," *Proceedings of the IEEE 46th Vehicular Technology Conference*, 1996, pp. 845-858, IEEE, New Jersey

BW

WEISSBERGER, M.A., *An Initial Critical Summary of Models for Predicting the Attenuation of Radio Waves by Trees*, ESD-TR-81-101, 1982, EMC Analysis Center, Annapolis, Md.

BX

WIART, J., "Micro-Cellular Modelling When Base Station Antenna is Below Roof Tops," *Proceedings of the IEEE 44th Vehicular Technology Conference*, Stockholm, June 8-10, 1994, Vol. 1, pp. 200-204, IEEE, New Jersey

EXAMINER

**BRIAN ZIMMERMAN
PRIMARY EXAMINER**

DATE CONSIDERED

9/20/02

* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).